

2024 Check sheet of Station no.1 : Electrical Troubleshooting

Competitors Name : _____

Company : _____

Checking items	Time			Deducted	Result <u>O</u> = OK <u>X</u> = NG
	Before	During	After		

Working attitude common to all exercises

(Competitors can request to stay out station for relax or wipe the glasses or other but don't stop time)

3	Contestant works without wearing protective equipment.	<input type="radio"/>	<input type="radio"/>		Stop & Wear	
4	Contestant injured himself / herself.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	5 points	
5	Contestant injured other person.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	15 points	
6	Contestant did not follow instruction (Action plan of competition)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		

① Prohibited operation

a	Wiring work by turn on power supply (Adjustment, removing and putting relay, etc.)		<input type="radio"/>		5 points	
b	Exchange parts by not checking with tester, etc.		<input type="radio"/>		5 points	
c	Confirm relay direct operation by use shorting circuit		<input type="radio"/>		5 points	
d	RUN during writing operation		<input type="radio"/>		5 points	
e	When the relay and timer are removed and put back the original one.		<input type="radio"/>		5 points	
f	Operate/change troubleshooting board, which already complete repair			<input type="radio"/>	5 points	

② Devices damage

1	Damaged Devices and Tester during competition.		<input type="radio"/>		3 points	
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③ Note : 1st time warning, 2nd, 3rd, 4th Point out , 5th Disqualify

a	Operate by the left hand for power operation		<input type="radio"/>		3 point	① Warning ② ③ ④ deduct ⑤ disqualify
b	Operate by putting tools into the pocket		<input type="radio"/>			
c	Put things other than tester on the devices or equipment.		<input type="radio"/>			
d	Intentionally drop foreign materials of the covered wire on the floor		<input type="radio"/>			

④ Condition when submitting does not meet the condition

a	No alarm of PLC and RUN			<input type="radio"/>	1 point	
b	Put rubbish, defective devices, remaining wiring in the round plate. It must not stick out from the round plate.			<input type="radio"/>	1 point	
c	Put tools on the waste cloth. Do not stick it out and do not put it over the other. 4S implementation according to the desk layout drawing.			<input type="radio"/>	1 point	
d	No relay & timer floating. Check by inserting filler gauge (inspection by workpiece)			<input type="radio"/>	1 point	

Prohibition about signal and retry when repair finish and operation finish

1	Turn off the power of troubleshooting board, and must make clear the gesture by repair finish PB.(Time scoring) [____:____] After that, must not put your hands on troubleshooting board but can do 4S of tools.	TM =13.00			
		TL =10.00			
			<div>O</div>		

In case of a tie in total score. We will judge from each exercise in order of Exercise 1 =>Exercise 2 =>Exercise 3=>Exercise 1 Finish time

Master Referee	MASIF Referee	Contestance	Total Deducted Score